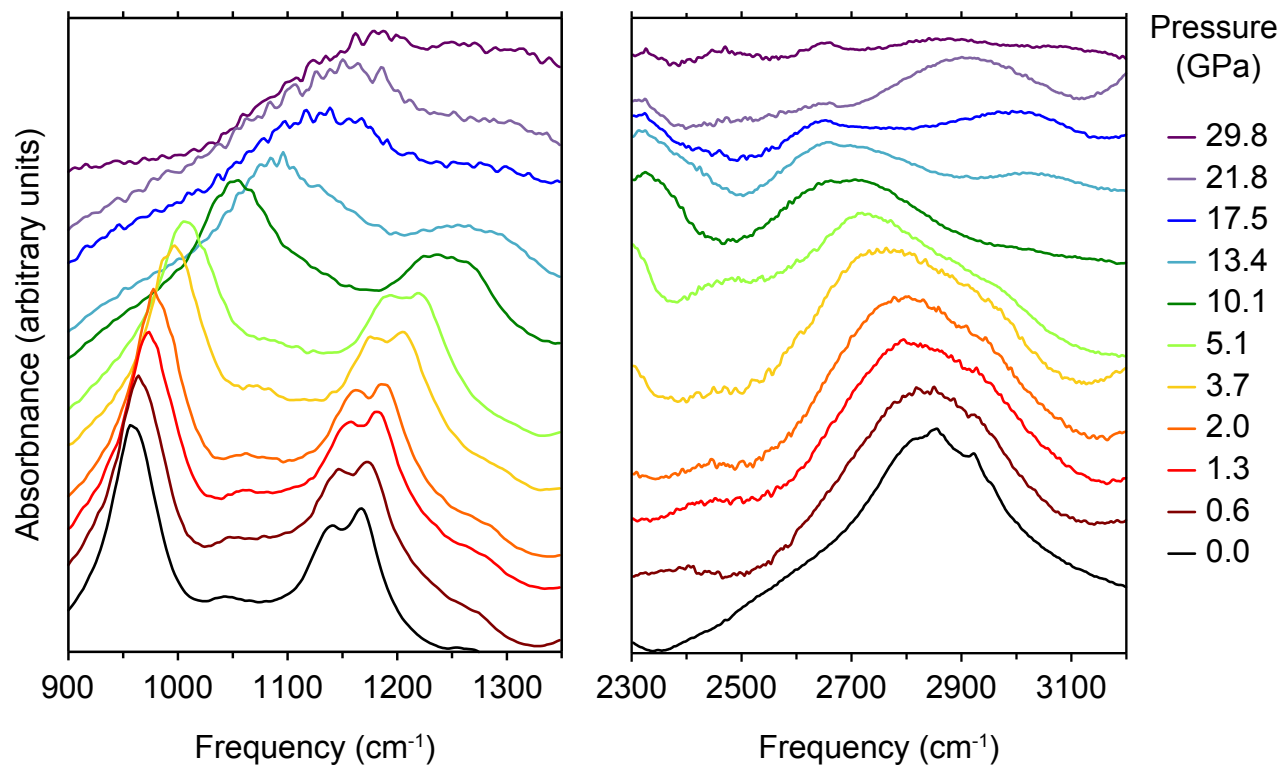


## Figure S3



**Figure S3.** Stacked high-pressure IR spectra of  $\epsilon$ -FeOOH including (a) lattice and OH-bending vibrations region and (b) OH-stretching region. Spectra are color coded according to pressure, which are indicated (in GPa) in the legend.